

WEATHER & CROPS

For Week Ending 7/24/83

Issue: 20-83

Phone: (402) 471-5541

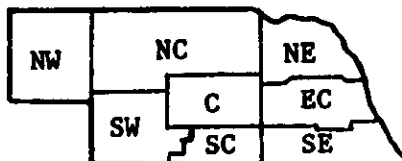
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WEATHER

CROPS

A heat wave struck the State at the start of the week and broke after three days in the west and five days in the east. High temperatures of 100 degrees plus were widespread. Average temperatures ranged from one degree above normal west up to eight degrees above normal east. Rain showers spread across the State at the end of the week with rainfall of .25 to 1.50 inches common.

GENERAL

Scorching, hot temperatures were common Statewide during much of the week, depleting moisture supplies and causing stress to row crops and livestock. Temperatures cooled by the weekend and some beneficial rains were reported over the northern half of Nebraska. Combining of wheat was completed or nearing completion in all major producing areas except the Panhandle where harvest has begun. Corn, sorghum and soybean condition continued to decline. Corn was entering the critical pollination stage. Irrigators were very busy. Other fieldwork consisted of harvesting oats, haying, and controlling weeds on PIK acreage during the 6.7 days suitable for fieldwork.

As of Friday, July 22, topsoil moisture supplies were rated 87% short, 9% adequate and 4% surplus. Subsoil supplies declined and were 39% short, 59% adequate and 2% surplus. A year ago, topsoil moisture was 48% short, 50% adequate and 2% surplus. Subsoil supplies were 6% short, 86% adequate and 8% surplus.

Winter wheat harvesting continued to progress rapidly and was 75% complete compared with 70% last year and 90% normal.

Corn crop condition was rated 1% poor, 40% fair, 55% good and 4% excellent. Silking was underway on 25% of the crop compared with 15% last year and 55% normal. None of the crop was in the dough stage, same as last year but normal is 4%. First generation corn borer infestations were extremely heavy and widespread requiring considerable treatment. The second generation borer hatch will need close watching for possible treatment.

Sorghum condition was rated 49% fair, 46% good and 5% excellent. Five percent of the crop had headed, above last year's 1% but below 25% normal. Corn leaf aphids are infesting many fields.

Soybean condition was 37% fair, 62% good and 1% excellent. Blooming was underway on 65% of the crop compared with 25% last year and 55% normal. Five percent was setting pods compared with 1% last year and 20% normal.

The second cutting of alfalfa was 65% complete, behind last year's 70% and normal of 80%. Condition was rated mostly good to fair.

LIVESTOCK

Pasture and range feed supplies continued to be rated mostly adequate but many pastures were starting to dry up. Sweltering temperatures caused stress on livestock and reduced gains.

Precipitation, April 1 - July 22, 1983

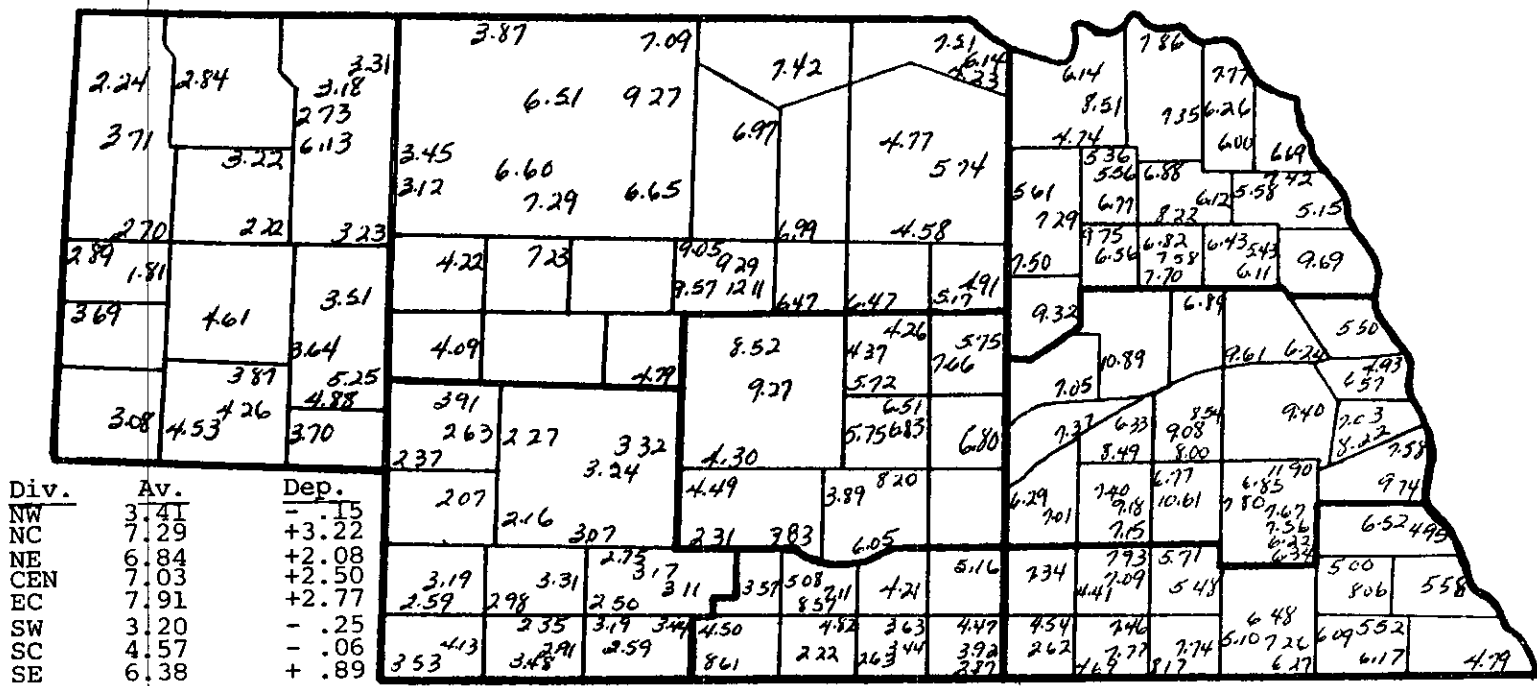
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week70	1.80	.90	.30	.10	.40	.20	.10
Total since April 1	10.40	14.00	14.70	11.20	13.20	9.50	11.40	13.70
Normal since April 1	10.17	11.46	13.39	12.62	14.23	10.51	12.68	14.93

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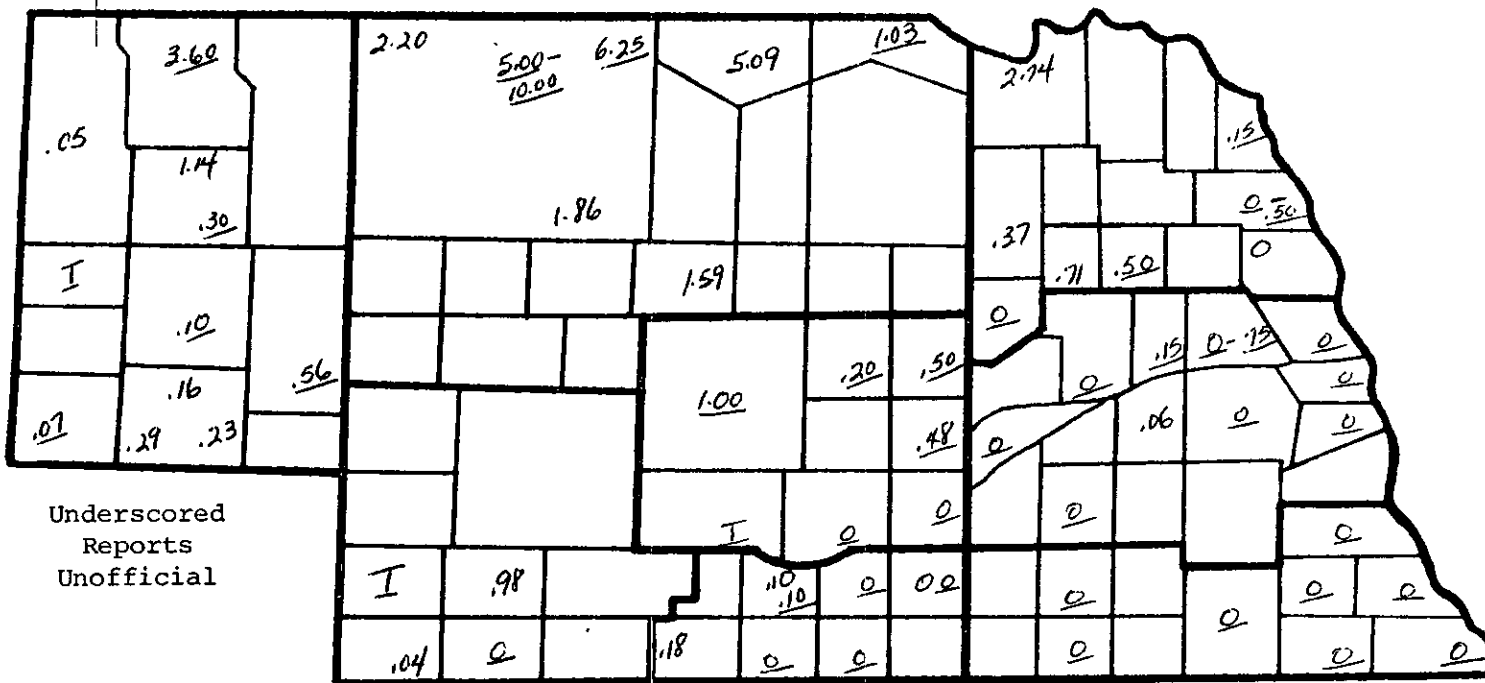
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PRECIPITATION MAP FOR MONTH OF JUNE 1983 1/



1/ Courtesy of the Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 22, 1983



Underscored
Reports
Unofficial

TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JULY 24, 1983

Station		Temperature				Precipitation
		Extremes		Mean	Departure	Total Inches <u>1</u> /
		Max	Min			
NW	Chadron	102	57	74	--	1.70
	Scottsbluff	102	55	76	+1	.33
	Sidney	98	59	77	--	1.44
NC	Ord	100	63	79	--	0
	Valentine	103	60	77	+2	.21
NE	Norfolk	101	66	82	+6	.65
	Sioux City	100	64	81	+5	.62
CEN	Grand Island	106	67	83	+6	.47
EC	Lincoln	103	67	84	+6	.05
	Omaha	102	69	84	+8	.06
SW	Imperial	100	62	80	--	.51
	North Platte	98	61	78	+3	.26

1/ Precipitation totals not included in map above.